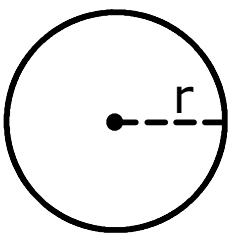# REFERENCE SHEET — GRADE 7
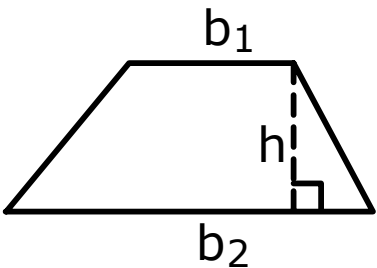
The following information is for your reference.

Note: **Figures in this test are drawn as accurately as possible, except when it is specifically stated in a problem that the figure is not drawn to scale.**
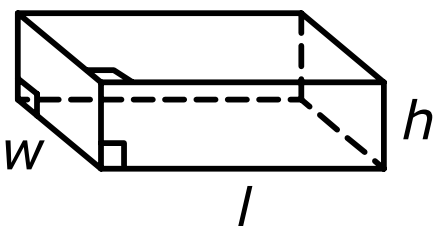
$$\pi \approx 3.14 \text{ or } \frac{22}{7}$$
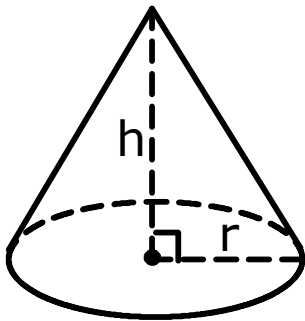

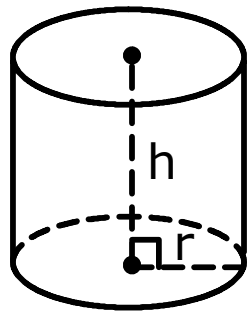$$C = 2\pi r$$
$$A = \pi r^2$$

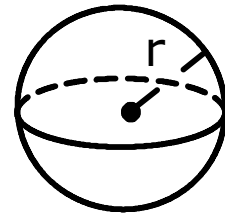$$A = \frac{1}{2}h(b_1 + b_2)$$

$$V = lwh$$
$$SA = 2hl + 2hw + 2lw$$

$$V = \frac{1}{3}\pi r^2 h$$
$$SA = \pi r^2 + \pi r \sqrt{r^2 + h^2}$$

REFERENCE SHEET — GRADE 7

$$V = \pi r^2 h$$

$$SA = 2\pi r^2 + 2\pi rh$$

$$V = \frac{4}{3}\pi r^3$$

$$SA = 4\pi r^2$$